

INTERNATIONAL SEARCH REPORT

International application No. PCT/SE 2005/000554

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61B 5/026

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61B, G01P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SPIE'S OEMAGAZINE NOVEMBER 2003 Christopher Cook, Rheologics Inc. "Lighting up VEINIMAGING" The whole document --	1-35
A	DATABASE WPI Week 200216 Derwent Publications Ltd., London, GB; Class P31, AN 2002-116649 & JP 2001046348 A (OMEGA WAVE KK), 20 October 2001 (2001-10-20) abstract --	1-35

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search 27 July 2005	Date of mailing of the international search report 01-08-2005
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Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Åsa Malm /LR Telephone No. +46 8 782 25 00
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PCT/SE 2005/000554

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 270 26 May 1993 (1993-05-26) & JP 5007559 A (ADVANCE CO LTD) 19 January 1993 (1993-01-19) abstract --	1-35
A	US 5620000 A (ZINSER, G ET AL), 15 April 1997 (15.04.1997), the whole document -- -----	1-35

INTERNATIONAL SEARCH REPORTInternational application No.
PCT/SE 2005/000554**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 1-11 and 23-35
because they relate to subject matter not required to be searched by this Authority, namely:
See extra sheet
2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

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Box. II

Claims 1-11 and 23-35 relate to diagnostic methods (Rule 39.1(iv)). Nevertheless, a search has been executed for these claims. The search has been based on the alleged effects of the device.

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Information on patent family members

08/07/2005

International application No.

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US	5620000	A	15/04/1997	AT	183627	T	15/09/1999
				DE	4322043	A,C	19/01/1995
				DE	59408650	D	00/00/0000
				EP	0631757	A,B	04/01/1995
				JP	3576212	B	13/10/2004
				JP	7146305	A	06/06/1995